

The paragraph at p. 17, line 8 (lines counted by not including Table 1) - p. 12, line 5:

C4 First, periodontal ligament fibers of forty bovine teeth extracted from butchered bovines were removed using a scaler. Then, cementum containing precementum were scraped using a sharp scaler and dispersed in 20 ml of saline (pH 7) containing 1% collagenase. After the dispersion was stirred using Voltex (Automatic Mixer S-100, manufactured by Taiteck Co.) for 10 minutes, a protein ingredient was eluted. Furthermore, the insoluble matter was removed by centrifugal separation at 3000 rpm for 5 minutes to obtain a supernatant. Then, the supernatant was filtrated through a membrane filter having a pore diameter of 0.45  $\mu$  (Durapore, manufactured by Nippon Milli pore Co.) and the filtrate was concentrated to 4 ml using an ultrafiltration membrane having a fractionated molecular weight of 200,000.

IN THE CLAIMS:

Please replace the text of claims 8-12 with the following text:

C5 8. A chemotactic factor extractable by saline from precementum and/or cementum of a Mammalian tooth comprising a purified gingival fibroblast chemotactic factor having a molecular weight of  $67000 \pm 1000$  measured by SDS-PAGE.

9. The chemotactic factor according to claim 8, wherein the gingival fibroblast chemotactic factor is glycosylated and has an amino acid composition of: Asp  $10.6 \pm 0.5\%$ , Thr  $3.7 \pm 0.3\%$ , Ser  $13.3 \pm 0.7\%$ , Glu  $13.8 \pm 0.7\%$ , Gly  $23.3 \pm 1.2\%$ , Ala  $10.1 \pm 0.5\%$ , Cys/2  $3.6 \pm 0.3\%$ , Val  $6.7 \pm 0.3\%$ , Ile  $3.8 \pm 0.3\%$ , Leu  $7.3 \pm 0.4\%$  and Lys  $3.8 \pm 0.3\%$ , and has an isoelectric point of  $6.5 \pm 0.5$ .

10. The chemotactic factor according to claim 8, wherein the Mammalian is a bovine.

11. The chemotactic factor according to claim 9, wherein the Mammalian is a bovine.

12. A drug for accelerating adhesion of new connective tissue, comprising the purified gingival fibroblast chemotactic factor obtained from precementum or cementum <sup>according to</sup> ~~of any~~ one of claims 8 to 11 as an active ingredient.

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